Department of Defense Intelligence Information System (DoDIIS) Profile (DRAFT) of the Joint Technical Architecture (JTA) Version 4.0

Purpose of Briefing

- To obtain additional inputs and gain approval from the technical community on the latest version of the DoDIIS Profile
  - Assign AI for unresolved issues for future revision
  - DRB/DMB approval in Feb 02
  - Final publication end Feb 02

Overview

- Background

- Objectives of the DoDIIS Profile

- Management of the DoDIIS Profile

- DoDIIS Profile Change Process

- DoDIIS Profile Compliance Evaluation

- Tools

- Information Technology Categories, Service Areas and Products

- Summary

Background

- DoDIIS Management Board (DMB) publishes the DoDIIS Profile of the JTA to:
  - Maintain continuity between DoDIIS and DoD systems
  - Improve interoperability
  - Document standards applicable to the DoDIIS enterprise for security and other Intelligence Community requirements
  - Define risk mitigation activities for ensuring products and mission applications meet standards
  - Increase efficiency and commonality while ensuring sites have tools to meet their mission
  - Reduce costs in acquiring software and training personnel

DoDIIS Profile Objectives

- Identify technical areas of DoD JTA applicable to DoDIIS
- Interpret the DoD JTA as required
- Provide DoDIIS-specific guidance in areas not addressed by the JTA
- List compliant Commercial Off the Shelf (COTS) products
- *Specify effective dates for listed products*
- *Define process for identifying new products and standards*

  – *Maintain currency and quick publication of revisions*
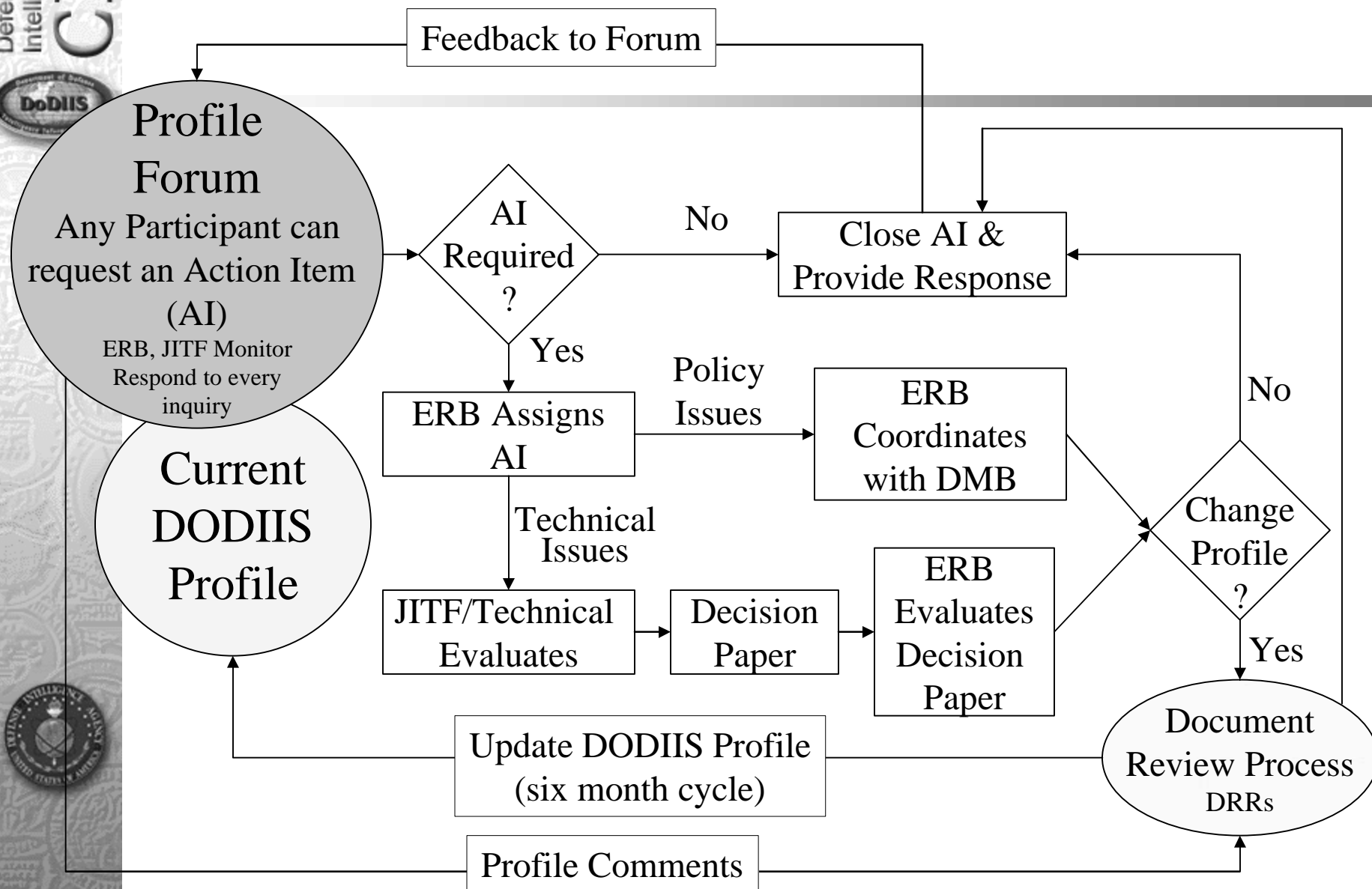
- *Define compliance evaluation processes*

DoDIIS Profile Management

- ## *DMB*
  - – *Approves release of document on a six month revision cycle*
- ## *ERB*
  - – *Maintain Profile Document*
  - – *Coordinate and manage the Profile change process*
  - – *Coordinate and gain approval for revisions*
  - – *Manage the Profile Forum on Intelink*
- ## *Joint Integration Test Facility (JITF)*
  - – *Assist ERB in reviewing JTA service areas and standards*
  - – *Complete Action Items/evaluate change proposals as required*
  - – *Evaluate mission application compliance with the Profile*

Profile Change Process

Feedback to Forum

Profile Forum
Any Participant can request an Action Item (AI)
ERB, JITF Monitor Respond to every inquiry

Current DODIIS Profile

AI Required ?

No → Close AI & Provide Response

Yes ↓

ERB Assigns AI

Policy Issues → ERB Coordinates with DMB

Technical Issues ↓

JITF/Technical Evaluates → Decision Paper → ERB Evaluates Decision Paper

Change Profile ?

No

Yes

Update DODIIS Profile (six month cycle)

Document Review Process
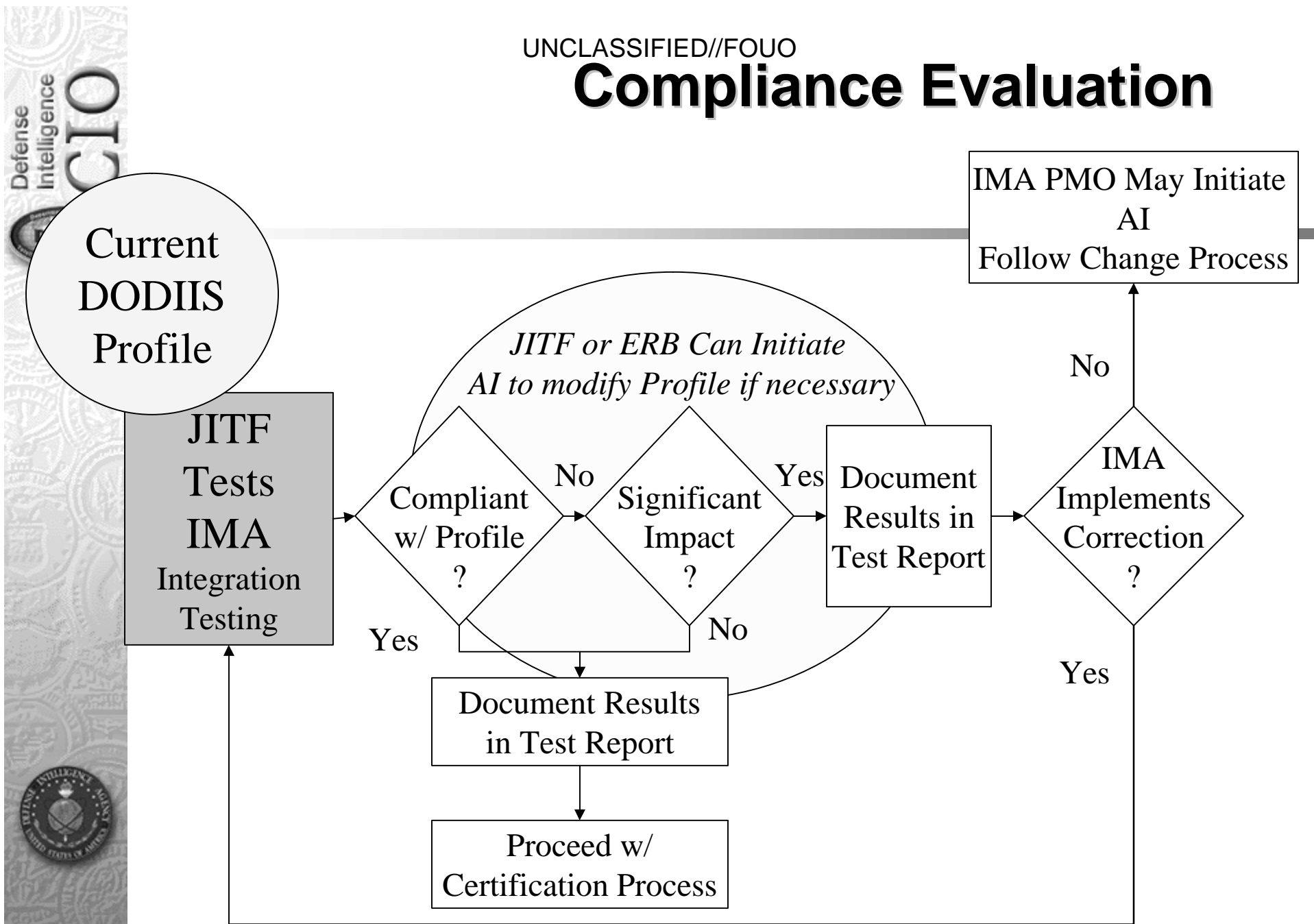DRRs

Profile Comments

Profile Change Process

- Profile Forum on Intelink is critical
  - Monitored continually
- Requests for changes/improvements are documented and evaluated
  - ERB assigns Action Items to the appropriate organization
    - ERB coordinates policy issues with the DMB
    - JITF or similar organization evaluates technical issues
      - Decision paper identifies issues/impacts
  - Document Review Reports are used to implement changes in the Profile
- Process guarantees full accountability and traceability
- All requests receive a response

Compliance Evaluation

Current DODIIS Profile

JITF Tests IMA Integration Testing

JITF or ERB Can Initiate AI to modify Profile if necessary

IMA PMO May Initiate AI Follow Change Process

Compliant w/ Profile ?

No

Significant Impact ?

Yes

Document Results in Test Report

No

IMA Implements Correction ?

Yes

No

Document Results in Test Report

Yes

Proceed w/ Certification Process

Yes

Compliance Evaluation

- JITF evaluates each DoDIIS application for compliance with the Profile
  - Integration Requirement DOC-30 in JITF *Integration Requirements and Evaluation Procedures*
- Assess impact of non-compliance
  - Significant impacts receive a "do not proceed" recommendation
    - IMA PMO can elect to create an Action Item
  - Low impact issues are also reported
    - ERB or JITF can elect to create an Action Item or DRR, if required
- PMOs can contact the JITF at anytime for pre-test evaluations to ensure a successful compliance evaluation

Tools

- ## Profile Forum
  - Intelink "chat" forum will be revitalized and used extensively
- ## Configuration Management Data Base (CMDB) used to track Action Items and results and Test Findings for compliance issues
  - Log-in and password controlled on Intelink and SIPRNET
  - Capability to "hot list" Action Items of particular interest
    - Receive e-mail or CMDB notification
  - Also used to track DRRs for formal reviews of the Profile
    - Coordinates wording changes to actual document
- ## Repository for Profile Action Items and Decision Papers on Intelink and SIPRNET

Categories, Service Areas and Products

- Five Technology Categories for JTA Standards
  - Information Processing
  - Information Transfer
  - Information Modeling, Metadata, and Information Exchange
  - Human Computer Interface
  - Information Security
- Service areas applicable to each category and associated standards/guidance documentation are identified
- Products compliant with the associated standards along with effective and end dates are listed
  - Numerous TBDs in 4.0 version of the Profile
  - As Profile continues to evolve TBDs will be resolved
- Each area, products and dates will be reviewed

Summary

- Formalized processes to maintain currency
- Leverages the Certification Process for evaluating impacts of non-compliance
- Six-month revision cycle ensures new products are incorporated in a timely manner
- Community involvement in forum is important
- Get JTIF involved early
- Responsiveness and accountability to Community issues and requirements are critical